

Figure 1 consists of two panels, A and B, showing thermal denaturation curves. The y-axis for both panels is 'Percent Hybridized Label' ranging from 0 to 100. The x-axis is 'Temperature (°C)' ranging from 0 to 60. Panel A shows curves for 100% and 50% hybridized DNA. The 100% curve (labeled 'b') is relatively flat until about 30°C, then drops sharply to 0% by 45°C. The 50% curve (labeled 'r') starts dropping around 20°C and reaches 0% by 40°C. A vertical dashed line is drawn at approximately 35°C, intersecting the 50% curve at 50% hybridization. Panel B shows curves for 100% and 50% hybridized RNA. The 100% curve (labeled 'b') is flat until about 40°C, then drops sharply to 0% by 50°C. The 50% curve (labeled 'r') starts dropping around 30°C and reaches 0% by 45°C. A vertical dashed line is drawn at approximately 45°C, intersecting the 50% curve at 50% hybridization.

Figure 35

FIG. 36A

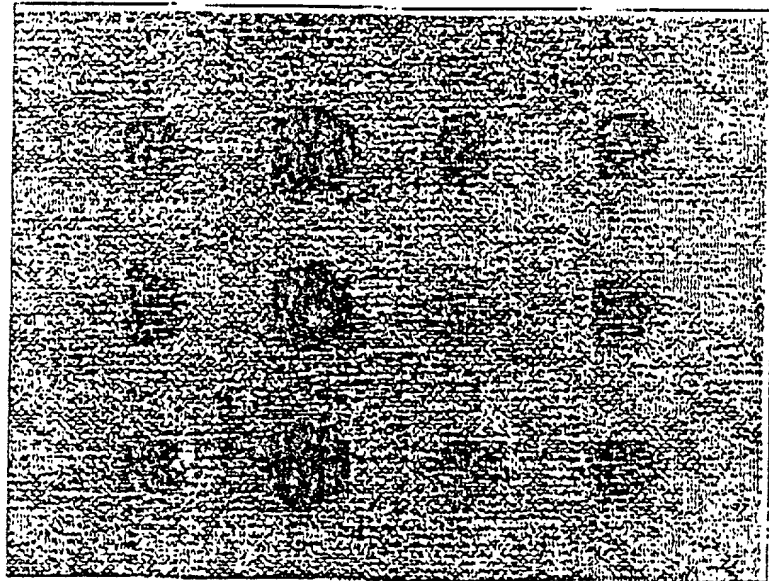
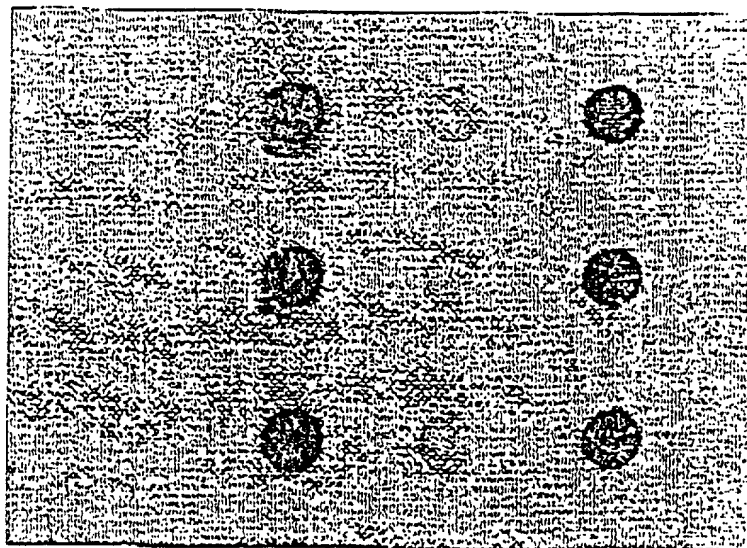
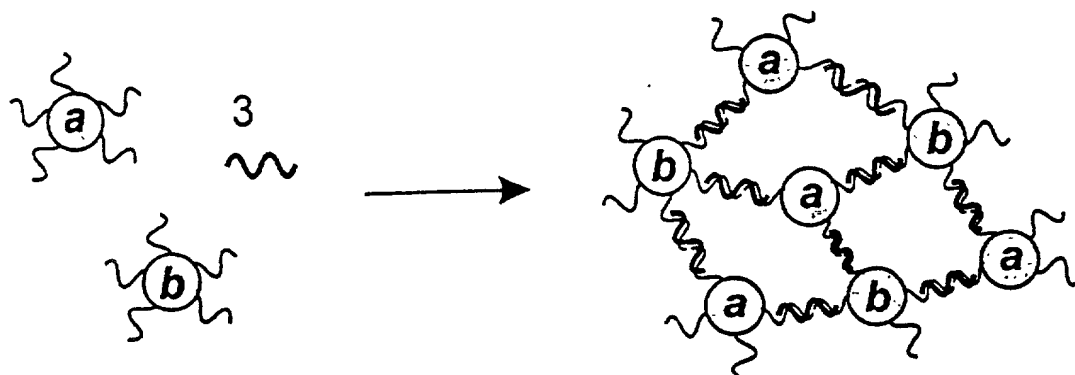


FIG. 36B



C A T G

**A**



**B**

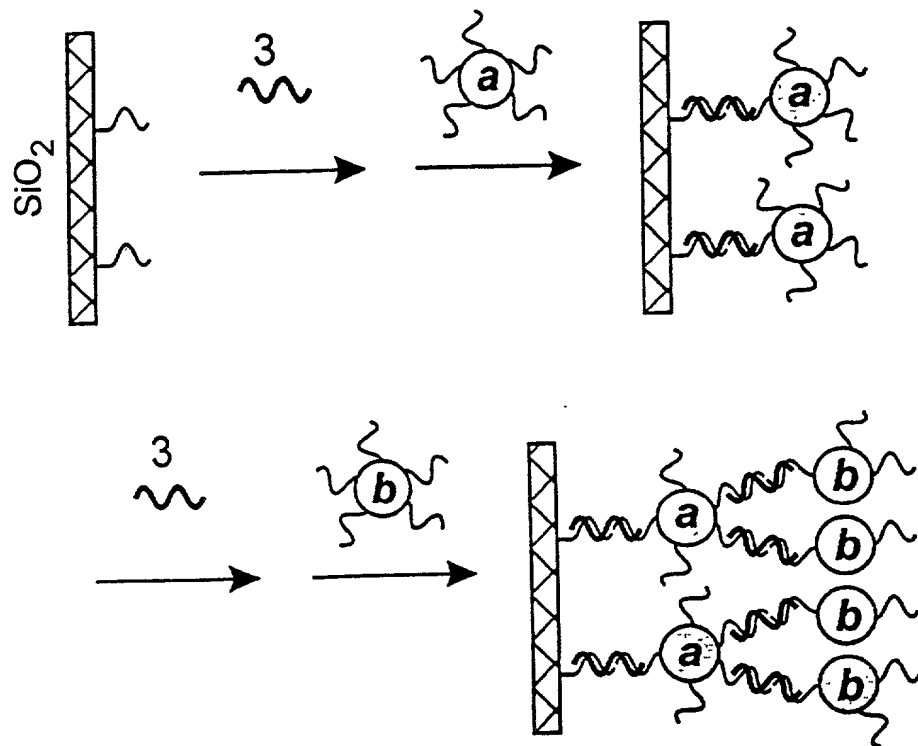


Figure 37